

Having described the invention, we claim:

1. A microphone assembly for a face mask having a pass-through, comprising:
a first microphone electrically connected with said pass-through; and
a second microphone electrically connected with said pass-through.
2. A microphone assembly as set forth in claim 1 wherein said pass-through is a multi-conductor pass-through.
3. A microphone assembly as set forth in claim 2 wherein both said first microphone and said second microphone are supported on said pass-through.
4. A microphone assembly as set forth in claim 3 wherein said first microphone supports said second microphone on said pass-through.
5. A microphone assembly as set forth in claim 4 wherein said first microphone has a multi-conductor electrical connector that engages and supports said first microphone on said pass-through, and wherein said second microphone is supported on said first microphone by at least two additional conductors that are electrically connected with two of said conductors of said multi-conductor electrical connector.
6. A microphone assembly as set forth in claim 5 wherein said second microphone is a two-conductor microphone whose output is transmitted through said multi-conductor connector to said pass-through.
7. A microphone assembly as set forth in claim 2 wherein only one of said first and second microphones is supported on said pass-through.

8. A microphone assembly as set forth in claim 2 wherein one of said first and said microphones is an electret microphone and the other one of said first and second microphones is a dynamic microphone.

9. A microphone assembly for a mask, comprising:
a first microphone having a connector for connecting said first microphone with the face mask; and
a second microphone supported on said first microphone.

10. A microphone assembly as set forth in claim 9 wherein said connector is a multi-conductor connector.

11. A microphone assembly as set forth in claim 10 for a mask having a multi-conductor pass-through, said multi-conductor connector of said first microphone being adapted to engage the multi-conductor pass-through of the mask to support said first and second microphones on the mask and to provide electrical connections for said first and second microphones to the exterior of the mask.

12. A microphone assembly as set forth in claim 11 wherein said first microphone having said connector is an electret microphone and said second microphone is a dynamic microphone.

13. A microphone assembly as set forth in claim 9 wherein a first one of said microphones is an electret microphone and a second one of said microphones is a dynamic microphone.

14. A microphone assembly as set forth in claim 13 wherein said first microphone having said connector is an electret microphone and said second microphone is a dynamic microphone.

15. A microphone assembly as set forth in claim 9 wherein said connector comprises three pins and wherein said second microphone is supported on said first microphone by two additional pins that are electrically connected with two of said three pins of said connector.

16. A microphone assembly as set forth in claim 15 wherein said two additional pins are on said first microphone.

17. A microphone assembly as set forth in claim 9 wherein said connector is a three conductor connector and said second microphone is a two conductor microphone whose output is transmitted through said three conductor connector.

18. A mask comprising:
a pass-through for passing at least one microphone signal to the outside of said mask.
a first microphone supported on said mask and having a first output signal;
a second microphone on said mask and having a second output signal; and
at least one electrical conductor for directing the first output signal and the second output signal to said pass-through.

19. A mask as set forth in claim 18 wherein at least one of said first and second microphones includes a first electrical connector for engagement with said pass-through thereby to connect said first and second microphones electrically with said mask.

20. A mask as set forth in claim 19 wherein said first electrical connector supports at least one of said microphones mechanically on said mask.

21. A mask as set forth in claim 20 further including a second electrical connector releasably interconnecting said first and second microphones, the output signal of said second microphone being transmitted through said first microphone to said pass-through.

22. A microphone assembly as set forth in claim 21 wherein said first microphone supports said second microphone on said pass-through, said first microphone having a multi-conductor electrical connector that engages and supports said first microphone on said pass-through, said second microphone being supported on said first microphone by at least two additional conductors that are electrically connected with two of said conductors of said multi-conductor electrical connector.